

**INFORMATION REPORT**

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FCD  
184

COUNTRY Germany (Russian Zone)

DATE DISTR 21 JUL 50

SUBJECT Personnel Production and Research  
at the Oberspreewerke

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Personnel and organizational data:

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1. ☐ the chief of the plant security section, has been arrested. Details are not yet available.
2. Recently a number of Russian managers of various plants belonging to the SAG "Kabel" have been recalled and replaced by new men. The following changes are known:

Firm

Hescho-Kahla

Siemens-Planitz

Stemag

Siemens-Zwenitz

Gerätewerk Klempelsdorf

Oberspreewerke

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3. According to a new regulation, plants are required to prepare monthly statements of production values. They are calculated by two methods, one for Russian (reparations) prices and one for German sales prices. For February the following figures were submitted:

|                                       | <u>Schedule prices</u> | <u>Sales prices</u> |
|---------------------------------------|------------------------|---------------------|
| a. <u>Short-term production</u>       | all in DM-0            |                     |
| Radio tubes                           | 450,000                | 650,000             |
| Special tubes                         | 200,000                | 300,000             |
| Tungsten and molybdenum<br>production | 150,000                | 150,000             |
| Misc. (parts)                         | 80,000                 | 100,000             |

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CENTRAL INTELLIGENCE AGENCY

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|                                | <u>Schedule prices</u> | equal | <u>Sales prices</u> |
|--------------------------------|------------------------|-------|---------------------|
| b. <u>Long-term production</u> |                        |       |                     |
| German research                | 200,000                |       |                     |
| Russian research               | 250,000                |       |                     |
| Other research                 | 100,000                |       |                     |

c. Personnel

|   |       |
|---|-------|
| Productive and unproductive workers       | 2,350 |
| Additional personnel paid by the Russians | 46    |

4. The production value per worker dropped by DM-O 300 between December 1949 and February 1950. Not counting foremen, supervisors, and administrative personnel, 60 percent of the workers are engaged in actual production.
5. The production schedules handed to the Russians now contain a clause providing that the production can be guaranteed only if the essential raw materials are available in time.
6. In the course of the current year, the NEF plant will be liquidated. TBN (Technisches Büro für Nachrichtenmittel - technical bureau for communications equipment) will take over the current orders for communications equipment while all other orders, equipment, and personnel will be taken over by OSW.

Production and research

7. The production of AL4 tubes had to be cancelled for lack of "Hydrokollag". The substance was purchased from the West up to April 1950 but export has allegedly been prohibited and Westmark are not available. All attempts to produce it in the Soviet Zone have failed.
8. The following production was scheduled for the month of April:

| Type of tube | Number | Type of tube | Number | Type of tube | Number |
|--------------|--------|--------------|--------|--------------|--------|
| AZ1          | 2,000  | CL4          | 1,000  | 6E5          | 7,000  |
| AZ11         | 4,000  | 6SK7         | 30,000 | LD12         | 6,000  |
| 6N6          | 6,000  | AF7          | 2,000  | LV3          | 1,000  |
| 6V6          | 12,000 | 6SQ7         | 20,000 |              |        |

Transmitter tubes

|        |    |        |    |        |   |
|--------|----|--------|----|--------|---|
| AS 100 | 20 | RS 255 | 20 | RS 566 | 6 |
|--------|----|--------|----|--------|---|

Also, 560 ignatrons

340 low-tension rectifiers

400 HBO mercury high-pressure tubes

1,000 each of tubes PRK2 and PRK4 (individual production. These tubes will later be produced in greater quantity by machine.)

PRK is a Russian quartz tube for ultraviolet rays, similar to the German ultraviolet tube. This type, however, is supposed to operate directly, on ordinary current, without additional equipment. Russia is supposed to furnish the required mercury.

Also scheduled for production are: 1,200 neon tubes, 4,000 stabilizers, 500,000 ceramic resistances and 3 x-ray tubes for Hungary.

With the material available at the present time (April 1950), only 25 percent of this program can be completed. If the shortage could be overcome, the quota could be raised to 50 percent. The production potential and the percentage of rejects do not allow a greater increase. The high percentage of rejects is principally a result of the low quality of raw materials and semi-finished goods. An analysis of tungstic acid delivered to the plant indicated up to 25 percent foreign matter such as plaster, coal etc. The OSW is preparing to produce its own stock of tungsten.

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9. When the OSW did not meet the March production schedule, the Russians granted a one week extension with the proviso that the production time thus lost be made up in the next few weeks.
10. At the Leipzig fair orders were placed for 12 electron microscopes. Two of the orders came from Western Germany, the remainder from the Eastern States.
11. OSW is at present developing a new x-ray tube. An American tube is being used as a model. Since the beryllium necessary for production is lacking, successful tests were made with specially sprayed (besprueht) coal. Details are not yet available.
12. Research orders for 1950 were increased to 4 million Mark of which 2 million Mark are to be expended for Russian orders, as against the 1.5 million Mark originally allotted. Details are not yet available.

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